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OM nucleic - nucleic search, using sw model

Run on: November 9, 2002, 02:44:21 ; Search time 89 Seconds
(without alignments)
2272.221 Million cell updates/sec

Title: US-09-895-298a-32_COPY_63_632

Perfect score: 570

Sequence: 1 atgatgaatttccagcctcc.....aagaaggtaatccaaggcc 570

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 320260 seqs, 177392727 residues

Total number of hits satisfying chosen parameters: 640520

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications_NA:*

1: /cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq:*

2: /cgn2_6/ptodata/1/pubpna/PCT_NEW_PUB.seq:*

3: /cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq:*

4: /cgn2_6/ptodata/1/pubpna/US06_PUBCOMB.seq:*

5: /cgn2_6/ptodata/1/pubpna/US07_NEW_PUB.seq:*

6: /cgn2_6/ptodata/1/pubpna/PCTUS_PUBCOMB.seq:*

7: /cgn2_6/ptodata/1/pubpna/US08_NEW_PUB.seq:*

8: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*

9: /cgn2_6/ptodata/1/pubpna/US09_NEW_PUB.seq:*

10: /cgn2_6/ptodata/1/pubpna/US09_PUBCOMB.seq:*

11: /cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq:*

12: /cgn2_6/ptodata/1/pubpna/US10_PUBCOMB.seq:*

13: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq:*

14: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	105.4	18.5	454	Sequence 11449, A
2	94	16.5	94	Sequence 28040, A
3	36.4	6.4	7032	Sequence 1429, AP
4	35.8	6.3	1312	Sequence 62, Appl
5	35.8	6.3	1354	Sequence 8, Appl
6	35.8	6.3	1410	Sequence 67, Appl
7	35.2	6.2	1011	Sequence 1719, AP
8	34.4	6.0	2522	Sequence 114, APP
9	34.2	6.0	329	Sequence 65, Appl
10	34.2	6.0	520	Sequence 9, Appl
11	34.2	6.0	585	Sequence 1, Appl
12	34	6.0	292	Sequence 424, APP
13	34	6.0	292	Sequence 411, APP
14	34	6.0	3433	Sequence 240, APP
15	34	6.0	3443	Sequence 9, Appl
16	34	6.0	3483	Sequence 3, Appl
17	33.4	5.9	173808	Sequence 10, Appl
18	33	5.8	396	Sequence 94, Appl
19	33	5.8	148567	Sequence 3, Appl

ALIGNMENTS

Sequence 205, APP	Sequence 203, APP	Sequence 193, APP	Sequence 191, APP	Sequence 189, APP	Sequence 187, APP	Sequence 185, APP	Sequence 184, APP	Sequence 8334, APP	Sequence 644, APP	Sequence 4255, APP	Sequence 430, APP	Sequence 3752, APP
Sequence 1087, APP	Sequence 21008, A	Sequence 644, APP	Sequence 187, APP	Sequence 1087, APP	Sequence 21008, A	Sequence 644, APP	Sequence 187, APP	Sequence 1087, APP	Sequence 21008, A	Sequence 644, APP	Sequence 187, APP	Sequence 1087, APP
Sequence 580, APP	Sequence 1768, APP	Sequence 75, APP	Sequence 4482, APP	Sequence 6339, APP	Sequence 204, APP	Sequence 3311, APP	Sequence 3311, APP	Sequence 580, APP	Sequence 1768, APP	Sequence 75, APP	Sequence 4482, APP	Sequence 6339, APP

RESULT 4
US-09-981-353-62
; Sequence 62, Application US/09981353
; Patent No. US20020160382A1
; GENERAL INFORMATION:
; APPLICANT: Lasek, Amy W.
; TITLE OF INVENTION: GENES EXPRESSED IN COLON CANCER
; FILE REFERENCE: PA-0038 US
; CURRENT APPLICATION NUMBER: US/09/981, 353
; CURRENT FILING DATE: 2001-10-11
; NUMBER OF SEQ ID NOS: 194
; SOFTWARE: PERL Program
; SEQ ID NO 62
; LENGTH: 1312
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. US20020160382A1 1804734CBI
; US-09-981-353-62

Query Match 6.3%; Score 35.8; DB 9; Length 1312;
Best Local Similarity 54.1%; Pred. No. 0.32;
Matches 73; Conservative 0; Mismatches 62; Indels 0; Gaps 0;
DB 733 CTTTGGACCTGGGGGGCCAAACCTGGAACCTCCACTGGATCTACTGGCTGGCC 792

QY 152 CTTTTCGAGGTCTGGCTCTTCATTCACTCCATCTACAGCTGGATGGACACCTTAAGTA 211
Db 770 CTTTGGACCTGGGGGGCCAAACCTGGAACCTCCACTGGATCTACTGGCTGGCC 829

QY 461 TTCTGGAAGGAGAGAGGAGGAGCAA 486
Db 3139 GCAGAGACAGAGGGTGGAGGAGCAA 3114

RESULT 5
US 09-864-711-8
; Sequence 8, Application US/09864711
; Patent No. US20020077309A1
; GENERAL INFORMATION:
; APPLICANT: Walker, Michael G.
; APPLICANT: Volkmarth, Wayne
; APPLICANT: Klingler, Tod M.
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS FOR PANCREATIC DISORDERS
; FILE REFERENCE: PB-0008-1 CIP
; CURRENT APPLICATION NUMBER: US/09/864, 711
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PERL Program
; SEQ ID NO 8
; LENGTH: 1354
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: 2774542CB1
; US-09-864-711-8

Query Match 6.3%; Score 35.8; DB 9; Length 1354;
Best Local Similarity 54.1%; Pred. No. 0.32;
Matches 73; Conservative 0; Mismatches 62; Indels 0; Gaps 0;
DB 830 CACTCCTGGCTGGCCCTGCTTGTGACTGCTCATAGGTGCTTCAATTGGCTCATGGAGATGGGAAGA 889

QY 272 TCTTTTCATCTCA 286
Db 890 CCCGCCTCATCTGA 904

RESULT 6
US-09-925-299-67
; Sequence 67, Application US/09925299
; Patent No. US20020055627A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA102
; CURRENT APPLICATION NUMBER: US/09/925, 299
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05883
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124, 270
; NUMBER OF SEQ ID NOS: 1556
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 67
; LENGTH: 1410
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-925-299-67

Query Match 6.3%; Score 35.8; DB 10; Length 1410;
Best Local Similarity 54.1%; Pred. No. 0.33;
Matches 73; Conservative 0; Mismatches 62; Indels 0; Gaps 0;
DB 793 CACTCCTGGCTGGCCCTGCTTGTGACTGCTCATAGGTGCTTCAATTGGAGATGGGAAGA 852

QY 212 CACGGCCCTGGCTTACCTGGGGTTGGACTATCGGACCTCATGGAACTGTGGCACT 271
Db 272 TCTTTTCATCTCA 286

QY 212 CACGGCCCTGGCTTACCTGGGGTTGGACTATCGGACCTCATGGAACTGTGGCACT 271
Db 853 CCCGCCTCATCCTGA 867

RESULT 7
US-09-938-842A-1719
; Sequence 179, Application US/09938842A
; Patent No. US20020160378A1
; GENERAL INFORMATION:
; APPLICANT: Harper, Jeff
; APPLICANT: Kreps, Joel
; APPLICANT: Wang, Xun
; APPLICANT: Zhou, Tong
; TITLE OF INVENTION: STRESS-REGULATED GENES OF PLANTS, TRANSGENIC PLANTS CONTAINING
; FILE REFERENCE: SCRIP1300-3
; CURRENT APPLICATION NUMBER: US/09/938, 842A
; CURRENT FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: US 60/227, 866
; PRIOR FILING DATE: 2000-08-24

PRIOR FILING DATE: 2001-01-16
 PRIOR APPLICATION NUMBER: US 60/300,111
 NUMBER OF SEQ ID NOS: 5379
 SEQ ID NO 1719
 LENGTH: 1011
 TYPE: DNA
 ORGANISM: *Arabidopsis thaliana*
 ; US-09-938-842A-1719

Query Match 6.2%; Score 35.2; DB 9; Length 1011;
 Best Local Similarity 51.2%; Pred. No. 0.42%; Mismatches 0;
 Matches 82; Conservative 0; Indels 0; Gaps 0;

QY 263 GTGTGCACTCTTTCATCCTCACCCCTCATGGCTAATCATCACCTACTTACTGGC 322
 Db 744 GTCTCCACTGGATATTAAGACACAGCTTACTTCGATAACGATTATTCATCAATCTGTT 803

QY 323 AGATCACAGAGGGAGGAGATTATGATAAGGCTGCTCCATGAGCAGATCATAATGAGG 382
 Db 804 AGAAGGGAGAGGGTGTGATTCGGATAAGCTCTGGTCTCAGAGATCATGAAGGAGA 863

QY 383 GCAAAGATAAAATGTCCTGATAGAAAATTGATCAAGCT 422
 Db 864 GATCTTCAGAAAGTTGGGAATATGCAGTTAATCAAGAT 903

RESULT 8

US-09-745-763-114/C

; Sequence 114, Application US/09745763
 ; Patent No. US20020065394A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Jacobs, Kenneth
 ; APPLICANT: McCoy, John M.
 ; APPLICANT: Lavallie, Edward R.
 ; APPLICANT: Collins-Racie, Lisa A.
 ; APPLICANT: Evans, Cheryl
 ; APPLICANT: Merberg, David
 ; APPLICANT: Treacy, Maurice
 ; APPLICANT: Spaulding, Vikki
 ; TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES
 ; NUMBER OF SEQUENCES: 219
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Genetics Institute, Inc.
 ; STREET: 87 CambridgePark Drive
 ; CITY: Cambridge
 ; STATE: MA
 ; COUNTRY: U.S.A.
 ; ZIP: 02140
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.3.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/745,763
 ; FILING DATE: 18-Jun-2000
 ; CLASSIFICATION: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Springer, Suzanne A.
 ; REGISTRATION NUMBER: 41,323
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (617) 498-8284
 ; TELEFAX: (617) 876-5851
 ; INFORMATION FOR SEQ ID NO: 114:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 2522 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: double
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: cDNA
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 114:

RESULT 9

US-09-730-617-65

; Sequence 65, Application US/09730617
 ; Patent No. US20020068279A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Burgess, Catherine E
 ; APPLICANT: Prayaga, Sudhiradas K
 ; APPLICANT: Shimkets, Richard A
 ; APPLICANT: Rastelli, Luca D
 ; APPLICANT: Mezes, Peter S
 ; TITLE OF INVENTION: No. US20020068279A1 Proteins and Nucleic Acids Encoding the
 ; FILE REFERENCE: 15966-609
 ; CURRENT APPLICATION NUMBER: US/09/730,617
 ; CURRENT FILING DATE: 2000-12-05
 ; PRIOR APPLICATION NUMBER: 60/169, 056
 ; PRIOR FILING DATE: 1999-12-06
 ; PRIOR APPLICATION NUMBER: 60/169, 886
 ; PRIOR FILING DATE: 1999-12-09
 ; PRIOR APPLICATION NUMBER: 60/169, 866
 ; PRIOR FILING DATE: 1999-12-09
 ; PRIOR APPLICATION NUMBER: 60/170, 252
 ; PRIOR FILING DATE: 1999-12-10
 ; PRIOR APPLICATION NUMBER: 60/175, 740
 ; PRIOR FILING DATE: 2000-01-12
 ; NUMBER OF SEQ ID NOS: 100
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO: 65
 ; LENGTH: 329
 ; TYPE: DNA
 ; ORGANISM: *Sus scrofa*
 ; US-09-730-617-65

Query Match 6.0%; Score 34.2; DB 10; Length 329;
 Best Local Similarity 58.3%; Pred. No. 0.42%; Mismatches 0;
 Matches 60; Conservative 0; Indels 0; Gaps 0;

QY 376 AATGAGGGCAAGATAAAATGTCCTGATAGAAAATTGATCAAGCTGCAGGATATGGAG 435
 Db 103 ATTCAAGGGCAAGCCTACTTTCGAGCTTAAGGAAAAAATATCATGGACCTGTATGTGGAG 162

QY 436 AAGAAAGCAACCCAGCTCACTGTCTGGAAAGGAGAGG 478
 Db 163 AAGAAAGCACAGAAGCCCTTCTCTTCCACAATAAAGAAG 205

RESULT 10

US-09-730-617-9

; Sequence 9, Application US/09730617
 ; Patent No. US20020068279A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Burgess, Catherine E
 ; APPLICANT: Prayaga, Sudhiradas K
 ; APPLICANT: Shimkets, Richard A
 ; APPLICANT: Rastelli, Luca D
 ; APPLICANT: Mezes, Peter S
 ; TITLE OF INVENTION: No. US20020068279A1 Proteins and Nucleic Acids Encoding the

FILE REFERENCE: 15966-609
 CURRENT APPLICATION NUMBER: US/09/730,617
 CURRENT FILING DATE: 2000-12-05
 PRIOR APPLICATION NUMBER: 60/169,056
 PRIOR FILING DATE: 1999-12-06
 PRIOR APPLICATION NUMBER: 60/169,886
 PRIOR FILING DATE: 1999-12-09
 PRIOR APPLICATION NUMBER: 60/169,866
 PRIOR FILING DATE: 1999-12-09
 PRIOR APPLICATION NUMBER: 60/170,252
 PRIOR FILING DATE: 1999-12-10
 PRIOR APPLICATION NUMBER: 60/175,740
 PRIOR FILING DATE: 2000-01-12
 NUMBER OF SEQ ID NOS: 100
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 9
 LENGTH: 520
 TYPE: DNA
 ORGANISM: Homo sapiens
 ; US-09-730-617-9
 Query Match 6.0%; Score 34.2; DB 10; Length 520;
 Best Local Similarity 58.3%; Pred. No. 0.56; Mismatches 43; Indels 0; Gaps 0;
 Matches 60; Conservative 0; Mismatches 0;
 QY 376 ATGAGGGCAAAGATAAAATGTTCTGTAGAAAAATTGATCAAGCTGCAGGATATGGAG 435
 Db 271 ATTCAAGGGCAAGCTTCTTGAGCTTAAGGAAAAATTTCATGGACCTGTATGGAG 330
 QY 436 AAGAAAGCAAACCCAGCTCACTGTCTGGAAAGGAGAGG 478
 Db 331 AAGAAAGCACAGANGCCCTTCTTCCACAATAAAGAAG 373
 RESULT 11
 US-09-976-472-1
 ; Sequence 1, Application US/09976472
 ; Patent No. US20020147310A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SIMS, John E.
 ; APPLICANT: RENSHAW, Blair R.
 ; TITLE OF INVENTION: IL-1 ETA DNA AND POLYPEPTIDES
 ; FILE REFERENCE: 2932-B
 ; CURRENT APPLICATION NUMBER: US/09/976,472
 ; CURRENT FILING DATE: 2001-10-11
 ; PRIOR APPLICATION NUMBER: PCT/US00/14435
 ; PRIOR FILING DATE: 2000-05-25
 ; PRIOR APPLICATION NUMBER: 60/162,331
 ; PRIOR FILING DATE: 1999-10-29
 ; PRIOR APPLICATION NUMBER: 60/135,758
 ; PRIOR FILING DATE: 1999-05-25
 ; NUMBER OF SEQ ID NOS: 2
 ; SOFTWARE: PatentIn version 3.1
 ; SEO ID NO 1
 ; LENGTH: 585
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: (112)..(585)
 ; OTHER INFORMATION:
 ; US-09-976-472-1
 Query Match 6.0%; Score 34.2; DB 10; Length 585;
 Best Local Similarity 58.3%; Pred. No. 0.61; Mismatches 43; Indels 0; Gaps 0;
 Matches 60; Conservative 0; Mismatches 0;
 QY 376 ATGAGGGCAAAGATAAAATGTTCTGTAGAAAAATTGATCAAGCTGCAGGATATGGAG 435
 Db 343 ATTCAAGGGCAAGCTTCTTGAGCTTAAGGAAAAATTATCATGGACCTGTATGGAG 402
 QY 436 AAGAAAGCAAACCCAGCTCACTGTCTGGAAAGGAGAGG 478
 ; US-09-964-824A-424
 Query Match 6.0%; Score 34.2; DB 10; Length 292;
 Best Local Similarity 54.9%; Pred. No. 0.45; Mismatches 55; Indels 0; Gaps 0;
 Matches 67; Conservative 0; Mismatches 0;
 QY 172 TTCACTCACTCCATCTACAGCTGGATCGACACCCCTAAGTACACGGCCCTGCTTACCTGTGG 231
 Db 22 TTATTTCTCTCCATTACATCCTGTTAGCCACAGAAAGCATGGGCCATACTCCTGAG 81
 QY 232 GTTGTGTTGGATCTATCGGAACTCTATGGAAAGTGTGCACTCTTTTCATCCTCACCCCTC 291
 Db 82 AAGATAAGACTCTCTCAGAATCTTATTCGTTAGTGCACTCAATTTCATCTC 141
 QY 292 AT 293
 Db 142 AT 143
 RESULT 13
 US-09-880-107-411
 ; Sequence 411, Application US/09880107
 ; Patent No. US20020142981A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Horne, Darcie T.
 ; APPLICANT: Vockley, Joseph G.
 ; APPLICANT: Scherf, Uwe
 ; APPLICANT: Gene Logic, Inc.
 ; TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer
 ; FILE REFERENCE: 44921-5028-WO
 ; CURRENT APPLICATION NUMBER: US/09/880,107
 ; CURRENT FILING DATE: 2001-06-14
 ; PRIOR APPLICATION NUMBER: US 60/211,379
 ; PRIOR FILING DATE: 2000-06-14
 ; PRIOR APPLICATION NUMBER: US 60/237,054
 ; PRIOR FILING DATE: 2000-10-02
 ; NUMBER OF SEQ ID NOS: 3950
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEO ID NO 411
 ; LENGTH: 292
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:

OTHER INFORMATION: Genbank Accession No. US20020142981A1 AA194833
 NAME/KEY: unsure
 LOCATION: (1)..(292)
 OTHER INFORMATION: n - a or c or g or t
 US-09-880-107-411

Query Match 6.0%; Score 34; DB 10; Length 292;
 Best Local Similarity 54.9%; Pred. No. 0; Mismatches 55; Indels 0; Gaps 0;
 Matches 67; Conservative 0; Mismatches 55; Indels 0; Gaps 0;
 Matches 67; Conservative 0; Mismatches 55; Indels 0; Gaps 0;

Qy 172 TTCAATCCTACATCTACAGCTGGATCGACACCTAAGTACACGGCTGGCTACCTGTGG 231
 Db 22 TTTATTTCTCCATTACATCTGTAGGCCAGAAAGCATGGGCCATACTCACTGCGAG 81

Qy 232 GTGTGTTGGATCTATCGGAACCTCTTCTGGAGTGTGCACCTCTTCATCCCTCACCCCTC 291
 Db 82 AAGATAAGACTTCTCAGAATCTTATTCGTTAGTGCACCTCAATTACTCACTGTCTC 141

Qy 292 AT 293
 Db 142 AT 143

RESULT 14
 US-10-044-090-240/c
 Sequence 240, Application US/10044090
 ; Patent No. US20020137081A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Olga Bandman
 ; TITLE OF INVENTION: GENES DIFFERENTIALLY EXPRESSED IN VASCULAR TISSUE ACTIVATION
 ; FILE REFERENCE: PA-0028 US
 ; CURRENT APPLICATION NUMBER: US/10/044, 090
 ; CURRENT FILING DATE: 2002-01-09
 ; NUMBER OF SEQ ID NOS: 850
 ; SOFTWARE: PERL Program
 ; SEQ ID NO 240
 ; LENGTH: 3433
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; OTHER INFORMATION: Incyte ID No. US20020137081A1 255957.9
 ; US-10-044-090-240

Query Match 6.0%; Score 34; DB 10; Length 3443;
 Best Local Similarity 54.9%; Pred. No. 2.1; Mismatches 55; Indels 0; Gaps 0;
 Matches 67; Conservative 0; Mismatches 55; Indels 0; Gaps 0;

Qy 172 TTCAATCCTACATCTACAGCTGGATCGACACCTAAGTACACGGCTGGCTACCTGTGG 231
 Db 2904 TTATTTCTCCATTACATCTGTAGGCCAGAAAGCATGGGCCATACTCACTGCTC 2845

Qy 232 GTGTGTTGGATCTATCGGAACCTCTTCTGGAGTGTGCACCTCTTCATCCCTCACCCCTC 291
 Db 2844 AAGATAAGACTTCTCAGAATCTTATTCGTTAGTGCACCTCAATTACTCACTGTCTC 2785

Qy 292 AT 293
 Db 2784 AT 2783

Search completed: November 9, 2002, 04:29:06
 Job time : 98 secs

OTHER INFORMATION: Genbank Accession No. US20020142981A1 AA194833
 NAME/KEY: unsure
 LOCATION: (1)..(292)
 OTHER INFORMATION: n - a or c or g or t
 US-09-886-683A-3/c
 Sequence 3, Application US/09886683A
 ; Patent No. US20020150574A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Hoevel, Thorsten
 ; APPLICANT: Koch, Stefan
 ; APPLICANT: Kubiles, Manfred
 ; APPLICANT: Mundigl, Olaf
 ; APPLICANT: Rueger, Petra
 ; TITLE OF INVENTION: Antibodies against SEM1 (p23)
 ; FILE REFERENCE: Case 20692